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Dated: 1/30/06

Signature: Valerie J. Sarosky

(Valerie J. Sarosky)

Docket No.: AFMX-P01-023
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Warrington et al.

Application No.: 10/028482

Confirmation No.: 2372

Filed: December 21, 2001

Art Unit: 1631

For: HIGH THROUGHPUT RESEQUENCING AND
VARIATION DETECTION USING HIGH
DENSITY MICROARRAYS

Examiner: C. L. Smith

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated July 28, 2005, please amend the above-identified U.S. patent application as indicated below. A Petition for Extension of Time, along with the appropriate fee, are being filed concurrently herewith.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.